SUPPLEMENT 2: Multivariable logistic regression model for top decile raw satisfaction ratings for patients with at least one recorded intensive care unit attending encounter.1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Overall** | | | **Medical** | | | **Surgical** | | |
|  | **Odds Ratio (95% CI)** | | ***p*** | **Odds Ratio (95% CI)** | | ***p*** | **Odds Ratio (95% CI)** | | ***p*** |
| **Age (yr)** | | |  |  | |  |  | |  |
| <30 | 0.57 (0.21, 1.52) | | 0.263 | 0.23 (0.03, 2.03) | | 0.188 | 0.76 (0.25, 2.32) | | 0.628 |
| 30-49 | 1.54 (0.93, 2.55) | | 0.095 | 0.76 (0.27, 2.17) | | 0.615 | 1.93 (1.08, 3.46) | | 0.027 |
| 50-69 | 1.5 (1.04, 2.16) | | 0.031 | 1.11 (0.54, 2.25) | | 0.783 | 1.65 (1.07, 2.53) | | 0.023 |
| >69 | ref | | | ref | | | ref | | |
| **Sex** | |  | |  | |  |  | |  |
| male | 1.18 (0.87, 1.59) | 0.285 | | 0.96 (0.56, 1.67) | | 0.895 | 1.28 (0.89, 1.84) | | 0.192 |
| female | ref | | | ref | | | ref | | |
| **Payer** | | |  |  | |  |  | |  |
| public | ne | |  | ne | |  | ne | |  |
| private | ne | |  | ne | |  | ne | |  |
| charity | ne | |  | ne | |  | ne | |  |
| self | ref | | | ref | | | ref | | |
| **Severity Index2** | |  | |  | |  |  | |  |
| 0 (lowest) | ref | | | ref | | | ref | | |
| 1-3 | 0.72 (0.51, 1.02) | 0.065 | | 0.56 (0.27, 1.16) | | 0.121 | 0.78 (0.53, 1.17) | | 0.235 |
| 4-6 | 0.56 (0.34, 0.92) | 0.021 | | 0.39 (0.15, 1) | | 0.051 | 0.63 (0.35, 1.14) | | 0.128 |
| >6 (highest) | 0.9 (0.48, 1.67) | 0.735 | | 0.85 (0.3, 2.37) | 0.752 | | 0.89 (0.4, 1.97) | 0.776 | |
| **Resource Intensity Score3** | |  | |  | |  |  | |  |
| low | ref | | | ref | | | ref | | |
| moderate | 1.01 (0.66, 1.54) | 0.955 | | 0.94 (0.4, 2.2) | | 0.883 | 1.03 (0.63, 1.68) | | 0.917 |
| major | 1.24 (0.83, 1.87) | 0.298 | | 1.36 (0.61, 3.03) | | 0.458 | 1.13 (0.7, 1.83) | | 0.613 |
| extreme | 1.15 (0.76, 1.75) | 0.512 | | 1.57 (0.71, 3.5) | 0.264 | | 1.04 (0.63, 1.71) | 0.885 | |
| **Service** | |  | |  | |  |  | |  |
| medical | 0.78 (0.56, 1.08) | 0.136 | |  | |  |  | |  |
| surgical | ref | | |  | |  |  | |  |

CI – confidence interval; ne – not estimable; ref – reference; yr – year

1includes the 1,567 patients who had a recorded intensive care unit encounter

2calculated using the Charlson-Deyo index

3component variables include length of stay, number of attendings, and charges